



# **Quick Setup & Getting Started**

HP Compaq dx2200 Microtower Business  
PC

Document Part Number: 412737-001

**January 2006**

This guide provides basic information about setting up and maintaining your computer.

© Copyright 2006 Hewlett-Packard Development Company, L.P.  
The information contained herein is subject to change without notice.

Microsoft and Windows are trademarks of Microsoft Corporation in the U.S. and other countries.

Adobe, Acrobat, and Acrobat Reader are trademarks or registered trademarks of Adobe Systems Incorporated.

The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

This document contains proprietary information that is protected by copyright. No part of this document may be photocopied, reproduced, or translated to another language without the prior written consent of Hewlett-Packard Company.



**WARNING:** Text set off in this manner indicates that failure to follow directions could result in bodily harm or loss of life.

---



**CAUTION:** Text set off in this manner indicates that failure to follow directions could result in damage to equipment or loss of information.

---

## **Quick Setup & Getting Started**

HP Compaq dx2200 Microtower Business PC

First Edition (January 2006)

Document Part Number: 412737-001

---

# Contents

## 1 Quick Setup

Step 1: Unpack the Computer . . . . .	1-1
Step 2: Confirm the Voltage Setting . . . . .	1-2
Step 3: Connect External Devices . . . . .	1-3
Step 4: Identify Front Panel Components . . . . .	1-4
Step 5: Connect the Power Cords. . . . .	1-5
Step 6: Turn On the Computer and Install the Windows Operating System. . . . .	1-6
Step 7: Turn Off the Computer . . . . .	1-7

## 2 Getting Started

Accessibility . . . . .	2-1
Microsoft Security Updates . . . . .	2-1
Downloading Updates from the Microsoft Windows Update Web Site . . . . .	2-1
File System Format . . . . .	2-2
Installing or Upgrading Device Drivers. . . . .	2-3
Customizing the Monitor Display . . . . .	2-3
Protecting the Software . . . . .	2-4
Transferring Files and Settings . . . . .	2-4
Restoring the Software. . . . .	2-4
Finding More Information . . . . .	2-5
Using the Documentation CD . . . . .	2-5
Basic Troubleshooting . . . . .	2-6
Overview . . . . .	2-6
Helpful Hints . . . . .	2-7
Before You Call for Technical Support. . . . .	2-8

---

## Quick Setup

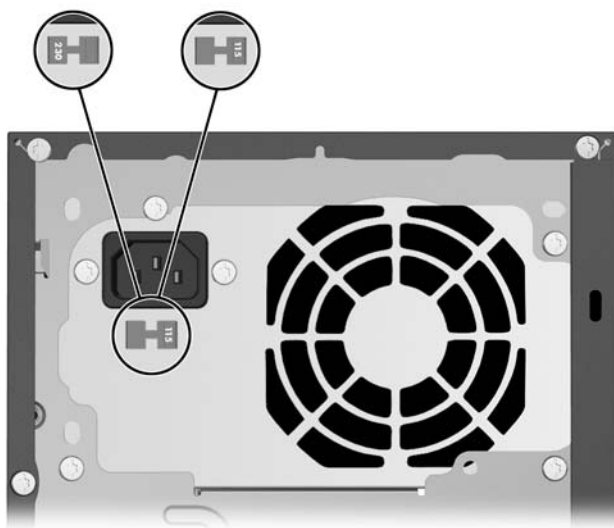
### Step 1: Unpack the Computer



**WARNING:** To reduce the risk of serious injury, read the *Safety & Comfort Guide*. It describes proper workstation setup, posture, and health and work habits for computer users, and provides important electrical and mechanical safety information. This guide is located on the Web at <http://www.hp.com/ergo> and on the hard drive or on the *Documentation CD* that is included with the product.

## Step 2: Confirm the Voltage Setting

Ensure that the voltage select switch for the power supply is set to the correct voltage for your region (115 volts or 230 volts).



**CAUTION:** You should not need to change the voltage setting; however, you should verify that the voltage selection is compatible with your local power specifications. Failure to do so could result in damage to the computer.

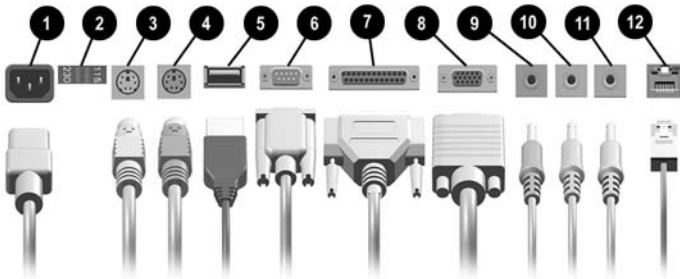
---

## Step 3: Connect External Devices

Connect the monitor, mouse, keyboard, and network cables.



Arrangement and number of connectors may vary by model.

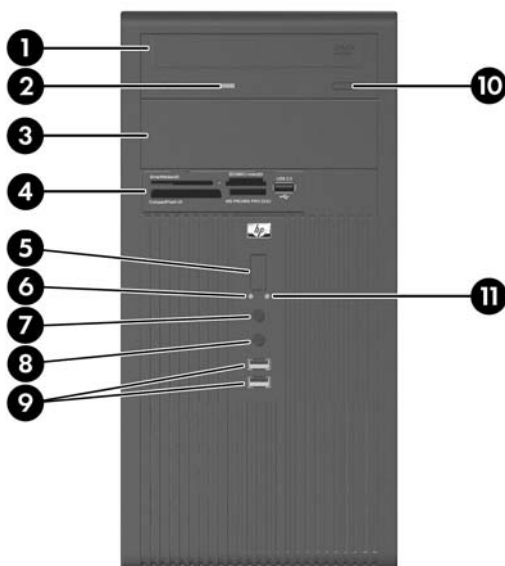


- |   |                                    |
|---|------------------------------------|
| ❶ Power cord connector                  | ❷ Parallel port connector          |
| ❸ Voltage select switch                 | ❸ Monitor connector                |
| ❹ PS/2 Mouse connector (green)          | ❹ Microphone connector (pink)      |
| ❺ PS/2 Keyboard connector (purple)      | ❺ Audio Line-out connector (green) |
| ❻ Universal Serial Bus (USB) connectors | ❻ Audio Line-in connector (blue)   |
| ❼ Serial connector                      | ❼ RJ-45 Network connector          |



**CAUTION:** Do not add optional hardware or third-party devices to the computer until the operating system is successfully installed. Doing so may cause errors and may prevent the operating system from installing properly.

## Step 4: Identify Front Panel Components

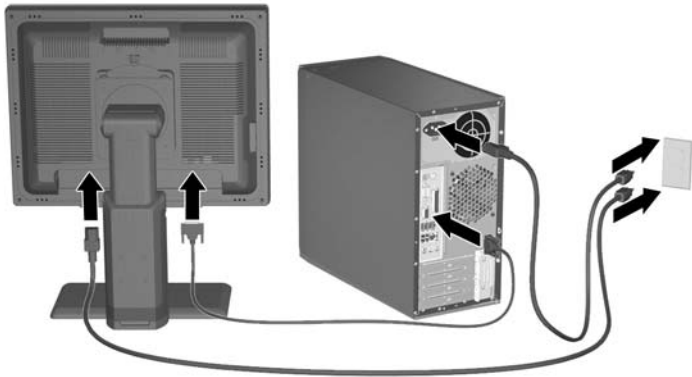


❶ Optical disc drive	❷ Headphones connector
❸ Optical disc drive activity light	❸ Microphone connector
❹ 5.25" expansion bay	❹ USB connectors
❺ 3.5" expansion bay (optional media card reader shown)*	❺ Optical disc drive eject button
❻ Dual-state power button	❻ Power-on light
❼ Hard drive activity light	

\*The 3.5" bay may be populated with a diskette drive or a media card reader, or it may be covered by a bezel blank.

## Step 5: Connect the Power Cords

Connect the power cords and monitor cord as shown. Turn on the monitor, then turn on the computer.



**WARNING:** To reduce the risk of electric shock or damage to the equipment:

- Do not disable the power cord grounding plug. The grounding plug is an important safety feature.
- Plug the power cord into a grounded (earthed) electrical outlet that is easily accessible at all times.
- Disconnect power from the computer by unplugging the power cord from either the electrical outlet or the computer.



**CAUTION:** Be sure there is a 10.2 cm (4-inch) clearance on all vented sides of the computer and monitor to permit the required airflow.

---



## Step 6: Turn On the Computer and Install the Windows Operating System



If the computer was not shipped with a Microsoft Windows XP Professional/Home operating system, some portions of this documentation do not apply. Refer to the operating system documentation and online Help for operating instructions.

---



**CAUTION:** Do not add optional hardware or third-party devices to the computer until the operating system is successfully installed. Doing so may cause errors and may prevent the operating system from installing properly.

---

Press the power button to turn on the computer.

The first time you turn on the computer, the operating system is installed automatically. This process takes about 5 to 10 minutes, depending on which operating system is being installed.

Carefully read and follow the instructions on the screen to complete the installation.



**CAUTION:** Once the automatic installation has begun, DO NOT TURN OFF THE COMPUTER UNTIL THE PROCESS IS COMPLETE. Turning off the computer during the installation process may damage the software that runs the computer or prevent its proper installation. In the event that you lose power during the installation process, run the *Restore Plus!* CD to install the operating system. Refer to the ["Restoring the Software"](#) section for more information on the *Restore Plus!* CD.

---

When the Welcome to Windows screen is displayed, the Windows installation process is complete.

## Step 7: Turn Off the Computer

To properly turn off the computer, first shut down the operating system software. In Microsoft Windows XP Professional, click **Start > Shut Down**. In Microsoft Windows XP Home, click **Start > Turn Off Computer**. The computer automatically shuts down.

Depending on the operating system, pressing the power button causes the computer to enter a low-power or “standby” state instead of automatically turning the power off. This allows you to conserve energy without closing software applications; later, you can start using the computer immediately without having to restart the operating system and without losing any data.

To force the computer off manually and bypass the “standby” state, press and hold the power button for four seconds.



**CAUTION:** Manually forcing the computer off will cause the loss of any unsaved data.

---

On some models, you can use the Computer Setup utility to reconfigure the power button to work in on/off mode instead of standby mode. Refer to the *Computer Setup (F10) Utility Guide* on the *Documentation* CD for more information about using Computer Setup.

---

# Getting Started

## Accessibility

HP is committed to designing products, services, and programs with improved usability and accessibility for all customers. HP products with Microsoft Windows XP Professional/Home preinstalled, or that are XP Ready, are designed for accessibility. These products are tested with industry-leading Assistive Technology products to ensure equal access—anytime, anywhere... to anyone.

## Microsoft Security Updates

This system has been delivered to you from the HP factory with Microsoft Critical updates preinstalled on your system. HP and Microsoft strongly recommend that you connect to the Microsoft Windows update Web site to acquire any additional critical Microsoft Security updates recommended for your operating system.

## Downloading Updates from the Microsoft Windows Update Web Site

1. To set up your Internet connection, click **Start** > **Internet Explorer** and follow the instructions on the screen.
2. Once an Internet connection has been established, click the **Start** button.

3. Select the **All Programs** menu.
4. Click on the **Windows Update** link at the top of the menu.  
You will be directed to the **Microsoft Windows Update** Web site.
5. You may see one or more pop-up windows that ask you to install programs from <http://www.microsoft.com>. Click **Yes** to install the programs.
6. Click the **Scan for Updates** link when it appears.
7. After scanning, click the **Critical Updates and Service Packs** link when it is displayed under the heading **Pick updates to install**. A list of updates will be displayed with all updates selected by default. It is recommended that you install all of the updates listed in this section.
8. Click on the **Review and Install Updates** link.
9. Click the **Install Now** button. This will start downloading the critical updates and automatically install them.
10. After the updates have been installed, Windows XP Professional/Home will prompt you to reboot the computer. Be sure to save any files or documents that you may have open before rebooting. Then select **Yes** to reboot the computer.

## File System Format



---

Depending on your system, you may be prompted to select a file system format during the initial setup of your system.

---

Hard drives can be configured in two basic formats: FAT32 (for HDD partitions no more than 32 GB) or NTFS (for HDD partitions up to and greater than 32 GB), with variances of each, depending on the operating system and hard drive support. To

check the file system format assigned to your hard drive (factory settings), open **My Computer**, right-click on **Local Disk (C:)**, then select **Properties**.

## Installing or Upgrading Device Drivers

When installing optional hardware devices after the operating system installation is complete, you must also install the drivers for each of the devices.

If prompted for the i386 directory, replace the path specification with **C:\i386**, or use the **Browse** button of the dialog box to locate the i386 folder. This action points the operating system to the appropriate drivers.

Obtain the latest support software, including support software for the operating system from <http://www.hp.com/support>. Select your country and language, select **Download drivers and software**, enter the model number of the computer, and press **Enter**.

You can also obtain the latest support software on CDs. The following Web site provides information on how to purchase a support software CD subscription.

<http://h18000.www1.hp.com/support/files/desktops/us/purchase.html>



If the computer has a writable optical drive, you may need to install the appropriate application to be able to write to the drive (see the CDs that came with the system).

---

## Customizing the Monitor Display

If you wish, you can select or change the monitor model, refresh rates, screen resolution, color settings, font sizes, and power management settings. To do so, right-click on the Windows

Desktop and click **Properties** to change display settings. For more information, refer to the online documentation provided with the graphics controller utility or the documentation that came with your monitor.

## Protecting the Software

To protect the software from loss or damage, keep a backup copy of all system software, applications, and related files stored on the hard drive. Refer to the operating system or backup utility documentation for instructions on making backup copies of your data files.

## Transferring Files and Settings

Use the Microsoft Windows XP Professional/Home Files and Settings Transfer Wizard to move files and settings from the old computer to the new one. Click **Start > All Programs > Accessories > System Tools > Files and Settings Transfer Wizard**. Follow the wizard's instructions on connecting computers and transferring data.

## Restoring the Software

You can restore the original operating system and factory-installed software by using the *Restore Plus!* CD and any other CDs that came with the computer. Carefully read and follow the instructions provided for the restore solution that came with the computer.



If you lose power during the operating system installation process, run the *Restore Plus!* CD to install the operating system.

---

## Finding More Information

Refer to the *Documentation* CD for the following additional product documentation:

- *Quick Setup & Getting Started* (this book, in PDF Format)
- *Hardware Reference Guide* (PDF Format)
- *Troubleshooting Guide* (PDF Format)
- *Computer Setup (F10) Utility Guide* (PDF Format)
- *Safety & Regulatory Information* (PDF Format)
- *Support Telephone Numbers* (PDF format)
- *Safety & Comfort Guide* (PDF format)



If you do not have an optical drive capable of reading CDs, you may download the product documentation from the Web at <http://www.hp.com/support>. Select your country and language, select **See support and troubleshooting information**, enter the model number of the computer, and press **Enter**.

---

## Using the Documentation CD

1. Insert the CD into the optical drive.

There may be a slight delay while the software on the CD checks the Windows Regional Settings. If a recent version of Adobe Acrobat or Acrobat Reader is not found on the computer, it will be installed automatically from the CD.

2. Read and follow the prompts to complete the installation.

The menu and books are displayed in the language chosen during initial system setup or as specified later in the Windows Regional Settings. If the Regional Settings do not match one of the languages supported on the CD, the menu and books are displayed in English.

3. Click the title of the book you want to read.

If there is no optical drive activity for two minutes or more, it may be that Autorun is not enabled on the computer.

To run the *Documentation* CD if it does not run automatically:

1. Click **Start > Run**.
2. Type:  
**X:\Autorun.exe**  
(where X is the drive letter designator for the optical drive)
3. Click **OK**.

## Basic Troubleshooting

### Overview

This section concentrates on problems that you might encounter during the initial setup process. A more comprehensive *Troubleshooting Guide* is available on the *Documentation* CD and in the self-help resources at <http://www.hp.com/support>. Select your country and language, select **See support and troubleshooting information**, enter the model number of the computer, and press **Enter**.



## Helpful Hints

If you encounter problems with the computer, monitor, or software, see the following list of general suggestions before taking further action:

- Check that the computer and monitor are plugged into a working electrical outlet.
- Check to see that the computer is turned on and the green power light is on.
- Check to see that the monitor is turned on and the green monitor light is on.
- Turn up the brightness and contrast controls of the monitor if the monitor is dim.
- Press and hold any key. If the system beeps, the keyboard should be operating correctly.
- Check all cable connections for loose connections or incorrect connections.
- Wake the computer by pressing any key on the keyboard or pressing the power button. If the system remains in standby mode, shut down the computer by pressing and holding the power button for at least four seconds then press the power button again to restart the computer. If the system will not shut down, unplug the power cord, wait a few seconds, then plug it in again. The computer will restart if automatic start on power loss is set in Computer Setup. If it does not restart, press the power button to start the computer.
- Reconfigure the computer after installing a non-plug and play expansion board or other option.
- Be sure that all the needed device drivers have been installed. For example, if you are using a printer, you need a driver for that model printer.

- Remove all bootable media (diskette, CD, or USB device) from the system before turning it on.
- If you have installed an operating system other than the factory-installed operating system, check to be sure that it is supported on the system.
- If the system has multiple video sources (embedded, PCI, or PCI-Express adapters) installed (PCI-Express on some models only) and a single monitor, the monitor must be plugged into the monitor connector on the source selected as the primary VGA adapter. During boot, the other monitor connectors are disabled and if the monitor is connected into these ports, the monitor will not function. You can select which source will be the default VGA source in Computer Setup.



**CAUTION:** When the computer is plugged into an AC power source, there is always voltage applied to the system board. You must disconnect the power cord from the power source before opening the computer to prevent system board or component damage.

---

## Before You Call for Technical Support

If you are having problems with the computer, try the appropriate solutions below to try to isolate the exact problem before calling for technical support.

- Run the diagnostics utility (available for some models only). Refer to the *Troubleshooting Guide* on the *Documentation* CD for information on downloading the utility.
- Run the Drive Protection System (DPS) Self-Test in Computer Setup. Refer to the *Computer Setup (F10) Utility Guide* on the *Documentation* CD for more information.



The Drive Protection System (DPS) Self-Test software is available on some models only.

---

- Check the power LED on the front of the computer to see if it is flashing. The flashing lights are error codes that will help you diagnose the problem. Refer to the *Troubleshooting Guide* on the *Documentation* CD to interpret the codes.
- If the screen is blank, plug the monitor into a different video port on the computer if one is available. Or, change out the monitor with a monitor that you know is functioning properly.
- If you are working on a network, plug another computer with a different cable into the network connection. There may be a problem with the network plug or cable.
- If you recently added new hardware, remove the hardware and see if the computer functions properly.
- If you recently installed new software, uninstall the software and see if the computer functions properly.
- Boot the computer to the Safe Mode to see if it will boot without all of the drivers loaded. When booting the operating system, use “Last Known Configuration.”
- Refer to the comprehensive online technical support at <http://www.hp.com/support>.
- Refer to “[Helpful Hints](#)” in this guide for more general suggestions.
- Refer to the comprehensive *Troubleshooting Guide* on the *Documentation* CD for more detailed information.
- Run the *Restore Plus!* CD to restore the original operating system and factory-installed software.



**CAUTION:** Running the *Restore Plus!* CD will erase all data on the hard drive.

---

To assist you in resolving problems online, HP Instant Support Professional Edition provides you with self-solve diagnostics. If you need to contact HP support, use HP Instant Support Professional Edition's online chat feature. Access HP Instant Support Professional Edition at <http://www.hp.com/go/ispe>.

Access the Business Support Center (BSC) at <http://www.hp.com/go/bizsupport> for the latest online support information, software and drivers, proactive notification, and worldwide community of peers and HP experts.

If it becomes necessary to call for technical assistance, be prepared to do the following to ensure that your service call is handled properly:

- Be in front of your computer when you call.
- Write down the computer serial number and product ID number, and the monitor serial number before calling.
- Spend time troubleshooting the problem with the service technician.
- Remove any hardware that was recently added to your system.
- Remove any software that was recently installed.
- Run the *Restore Plus!* CD.



**CAUTION:** Running the *Restore Plus!* CD will erase all data on the hard drive.

---



For sales information and warranty upgrades (HP Care Pack Services), call your local authorized service provider or dealer.

---